CLIENT : BRUHATH BENGALURU MAHANAGARA PALIKE

Executive Engineer

byatrayanapura Division

Bengaluru

NAME OF WORK: PACKAGE NO-6 (CONSIST OF 14 WORKS)

11th & Part Bill
Measurement Book

Job Number :- 009-23-000003

Agency :- M/s.SMLP Asphalts,Prop. Sri B B Umesha,

Estimate Cost :- 1500.00 lakhs

BRUHAT BENGALURU MAHANAGARA PALIKE

MEASUREMENT SHEET

RA 11TH AND PART BILL

Name of work: Package No. 06 (Consists of 14 Works)

Estimated Cost: Rs. 1500.00 Lakhs

Job Code: 009-23-000003

Head of Account : P-3877 Amruth Nagarothana Works

Name of Agency: M/s.SMLP Asphalts,Prop. Sri B B Umesha, No 1265,Next to Andhra Bank, Major Sandeep Unnikrishnan Road, Yalahanka New Town, Bengaluru-560064.

Work order No: BBMP/EE/BTP/WO/76/2022-23 Dated: 24-11-2022.

Measurements Recarded on : 03-01-2024

Sl No	Chainage	Mesurement No.	L	B1	B2	Av.,B	D	Qty	Rate / Unit	Amount
4	Earth work excavation by manual means for drains,canals, waste weir, draft, approach channels, key trenches, foundation of bridges and such simillar works in all kinds of soils , as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, excavated surface leveled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools & other appurtenaces required to complete the work.								Cum	
	Qty as per Premeasurement vide E-MB Page No. 01 to 02 is =							**1091.28**	214.79	**234395.00**

Measurements Recarded on : - 03-01-2024

8	Providing and laying in position plain cement concrete Mix 1:3:6 (M10) for levelling course for all works in foundation. Using 40 mm nominal size graded crushed coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications.								Cum	
	Qty as per Premeasurement vide E-MB Page No. 03 to 04 is =							**152.93**	6413.65	**980868.00**
9	Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. M20 (The cost of steel reinforcement & formwork to be paid separately)								Cum	
	Qty as per Premeasurement vide E-MB Page No. 05 to 08 is =							**353.05**	7236.31	**2554784.00**

S. No	Chainage	Mesurement No.	L	B1	B2	Av.,B	D	Qty	Rate / Unit	Amount
10	Supplying, Fitting and Placing TMT Fe550 bar Reinforcement in sub-structure complete as per Drawing and Technical and as per the Direction of engineer incharge of work								Cum	
	Qty as per Premeasurement vide E-MB Page No. 09 to 10 is =							**22.40**	106436.07	**2383682.00**
13	Providing and Fixing pre cast covering Slab 100mm thick made out of CC, Jelly 20mm Down Size with steel reinforcement including form work, curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc, complete as per Engineer incharge.								Sqm	
	Telecom Layout									
	1st Main road from 5th cross road to Lake									
	RHS	0.00	5.50	1.00	5.50		0.75	4.13		
		5.50	15.50	1.00	10.00		0.75	7.50		
		15.50	21.00	1.00	5.50		0.75	4.13		
		21.00	30.00	1.00	9.00		0.75	6.75		
		34.00	50.00	1.00	16.00		0.75	12.00		
		50.00	80.00	1.00	30.00		0.75	22.50		
		80.00	110.00	1.00	30.00		0.75	22.50		
		110.00	140.00	1.00	30.00		0.75	22.50		
		140.00	155.00	1.00	15.00		0.75	11.25		
		155.00	162.50	1.00	7.50		0.75	5.63		
		162.50	192.00	1.00	29.50		0.75	22.13		
		198.00	210.00	1.00	12.00		0.75	9.00		
		215.00	234.00	1.00	19.00		0.75	14.25		
		234.00	240.00	1.00	6.00		0.75	4.50		
		240.00	266.00	1.00	26.00		0.75	19.50		
		266.00	273.00	0.00	7.00		0.75	0.00		
		273.00	283.00	1.00	10.00		0.75	7.50		
		283.00	298.00	1.00	15.00		0.75	11.25		
		298.00	310.00	1.00	12.00		1.20	14.40		
		310.00	333.00	1.00	23.00		0.75	17.25		
	1st Main road from 5th cross road to Lake									
	LHS	50.00	69.00	1.00	19.00		0.75	14.25		
		69.00	82.00	1.00	13.00		0.75	9.75		
		88.00	100.50	1.00	12.50		0.75	9.38		
		100.50	104.00	1.00	3.50		0.75	2.63		
		104.00	115.00	1.00	11.00		0.75	8.25		
		120.00	147.00	1.00	27.00		0.75	20.25		
		182.00	202.00	1.00	20.00		0.75	15.00		
		202.00	213.00	1.00	11.00		0.75	8.25		
		213.00	229.00	1.00	16.00		0.75	12.00		
		229.00	235.00	0.00	6.00		0.75	0.00		
		235.00	260.00	1.00	25.00		0.75	18.75		
		266.00	294.00	1.00	28.00		0.75	21.00		
	4th Cross Road from telecom Road to 2nd Main Road									
	RHS	36.00	45.00	1.00	9.00		0.90	8.10		
		64.00	70.00	1.00	6.00		0.90	5.40		
		73.00	103.00	1.00	30.00		0.90	27.00		
		103.00	107.00	1.00	4.00		0.90	3.60		
		107.00	131.00	1.00	24.00		0.90	21.60		
		131.00	137.00	1.00	6.00		0.90	5.40		
		156.00	165.00	1.00	9.00		0.90	8.10		

S. No	Chainage		No.	Mesurement L	B1	B2	Av.,B	D	Qty	Rate / Unit	Amount
	4th Cross Road from telecom Road to 2nd Main Road										
	LHS	0.00	18.00	1.00	18.00			0.90	16.20		
		18.00	26.00	1.00	8.00			0.90	7.20		
		26.00	56.00	1.00	30.00			0.90	27.00		
		56.00	80.00	1.00	24.00			0.90	21.60		
		80.00	93.00	1.00	13.00			0.90	11.70		
		93.00	120.00	1.00	27.00			0.90	24.30		
		120.00	150.00	1.00	30.00			0.90	27.00		
		150.00	173.00	1.00	23.00			0.90	20.70		
	5th Cross road (Ganesha Block)										
	RHS	0.00	30.00	1.00	30.00			0.90	27.00		
		30.00	60.00	1.00	30.00			0.90	27.00		
		60.00	65.00	1.00	5.00			0.90	4.50		
					11th Part Bill Qty				671.55	2175.19	1460749.00

Assistant Engineer
Ward No. 09

Assistant Executive Engineer
Vidyaranyapura Sub Division

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

Mecadaz Core Technologies Private Limited
MECADEZ

S No	Chainage	Mesurement No.	L	B1	B2	Av.,B	D	Qty	Rate / Unit	Amount
	Measurements Recarded on :	03-01-2024								
14	Providing and Fixing pre cast covering Slab 230mm thick made out of CC , Jelly 20mm Down Size with steel reinforcement including form work, curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc, complete as per Engineer incharge. (Data Rate)								Cum	
	230 mm Covering Slab									
	1st Main road-5th Cross road Jun RHS	1	6.00	1.20	1.20	1.20		7.20		
	1st Main road-6th Cross road Jun RHS	1	5.00	1.20	1.20	1.20		6.00		
	1st Main road-7th Cross road Jun RHS	1	7.00	1.20	1.20	1.20		8.40		
	1st Main road- Anubhav nilaya Biside	1	11.00	1.50	1.50	1.50		16.50		
	1st Main road-1st Cross road Jun	1	6.00	1.50	1.50	1.50		9.00		
	1st Main road-6th Cross road Jun	1	8.40	1.50	1.50	1.50		12.60		
				11th Part Bill Qty				**59.70**	5287.84	**315684.00**

Assistant Engineer
Ward No. 09

Assistant Executive Engineer
Vidyaranyapura Sub Division

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

Mecadez Core Technologies Private Limited

S. No	Chainage	Mesurement No.	L	B1	B2	Av.,B	D	Qty	Rate / Unit	Amount
	Measurements Recarded on : 7 03-01-2024									
30	Loading and Unloading of Stone Boulder / Stone aggregates / Sand / Kankar / Moorum.								Cum	
	Qty Vide Item No. 4							**1091.28**	136.26	**148697.00**
31	Cost of Haulage Excluding Loading and Unloading, Case-1 : Surfaced Road A Taking output 10 t load and lead 10 km = 100 t.km								T. Kms	
	Same as Qty Vide Item No. 30							1091.28		
	Density of Sand/Debris i.e 1.28 Tonne/Cum	1091.28	1.28					**1396.83**	110.86	**154853.00**
									Sub Total =	**8233713.00**
									Add GST 18% Charges =	**1482068.00**
									Grand Total =	**9715781.00**

Assistant Engineer
Ward No. 09

Assistant Executive Engineer
Vidyaranyapura Sub Division

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

Macadez Core Technologies Pri... MECHANICAL

CLIENT : BRUHATH BENGALURU MAHANAGARA PALIKE

Executive Engineer

byatrayanapura Division

Bengaluru

NAME OF WORK: PACKAGE NO-6 (CONSIST OF 14 WORKS)

11th & Part Bill
Pre Measurement Book

Job Number :- 009-23-000003

Agency :- M/s.SMLP Asphalts,Prop. Sri B B Umesha,

Estimate Cost :- 1500.00 lakhs

BRUHAT BANGALORE MAHANAGARA PALIKE

Excecutive Engineer Byatarayanapura Division

Package No.06 (Consists of 14 Works)

Measurement sheet

Name of the Contractor:M/s.SMLP Asphalts,Prop. Sri B B Umesha,

Workorder No: BBMP/EE/BTP/WO/76/22-23

Job Code: 009-23-000003

11th & part Bill

Item NO	4	
Item Name	Earth work excavation by manual means for drains,canals, waste weir, draft, approach channels, key trenches, foundation of bridges and such simillar works in all kinds of soils , as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, excavated surface leveled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools & other appurtenaces required to complete the work.	

SL NO	CHAINAGE		NO	Length	Breadth 1	Breadth 2	Avg. Breadth	Depth	Qty	Remarks
	Land mark			(m)	B1(m)	B2(m)	(m)	(m)		
Measurement Recorded On :				21-12-2022						
5) Improvements to road and Drains at Telecom Layout, Ganeshanagara and Surrounding Area in Ward No.09 (Vidyaranyapura)										
	Telecom Layout									
	Earth Work For Rcc Drain									
				1st Main road from 5th cross road to Lake						
LHS	0.00	5.50	1	5.50	1.00	1.00	1.00	1.05	5.78	
	5.50	15.50	1	10.00	1.00	1.00	1.00	1.05	10.50	
	15.50	21.00	1	5.50	1.00	1.00	1.00	1.05	5.78	
	21.00	30.00	1	9.00	1.00	1.00	1.00	1.05	9.45	
	34.00	50.00	1	16.00	1.00	1.00	1.00	1.05	16.80	
	50.00	80.00	1	30.00	1.00	1.00	1.00	1.05	31.50	
	80.00	110.00	1	30.00	1.00	1.00	1.00	1.05	31.50	
	110.00	140.00	1	30.00	1.00	1.00	1.00	1.05	31.50	
	140.00	155.00	1	15.00	1.00	1.00	1.00	1.05	15.75	
	155.00	162.50	1	7.50	1.00	1.00	1.00	1.05	7.88	
	162.50	192.00	1	29.50	1.00	1.00	1.00	1.05	30.98	
	198.00	210.00	1	12.00	1.00	1.00	1.00	1.05	12.60	
	215.00	234.00	1	19.00	1.00	1.00	1.00	1.05	19.95	
	234.00	240.00	1	6.00	1.00	1.00	1.00	1.05	6.30	
	240.00	266.00	1	26.00	1.00	1.00	1.00	1.05	27.30	
	273.00	283.00	1	10.00	1.00	1.00	1.00	1.05	10.50	
	283.00	298.00	1	15.00	1.00	1.00	1.00	1.05	15.75	
	298.00	310.00	1	12.00	1.00	1.00	1.00	1.05	12.60	
	310.00	333.00	1	23.00	1.00	1.00	1.00	1.05	24.15	
				1st Main road from 5th cross road to Lake						
RHS	50.00	69.00	1	19.00	1.00	1.00	1.00	1.05	19.95	
	69.00	82.00	1	13.00	1.00	1.00	1.00	1.05	13.65	
	88.00	100.50	1	12.50	1.00	1.00	1.00	1.05	13.13	
	100.50	104.00	1	3.50	1.00	1.00	1.00	1.05	3.68	
	104.00	115.00	1	11.00	1.00	1.00	1.00	1.05	11.55	

SL NO	CHAINAGE		NO	Length	Breadth 1	Breadth 2	Avg. Breadth	Depth	Qty	Remarks
	Land mark			(m)	B1(m)	B2(m)	(m)	(m)		
	120.00	147.00	1	27.00	1.00	1.00	1.00	1.05	28.35	
	182.00	202.00	1	20.00	1.00	1.00	1.00	1.05	21.00	
	202.00	213.00	1	11.00	1.00	1.00	1.00	1.05	11.55	
	213.00	229.00	1	16.00	1.00	1.00	1.00	1.05	16.80	
	235.00	260.00	1	25.00	1.00	1.00	1.00	1.05	26.25	
	266.00	294.00	1	28.00	1.00	1.00	1.00	1.05	29.40	
4th Cross Road from telecom Road to 2nd Main Road										
RHS	0.00	18.00	1	18.00	1.10	1.10	1.10	1.05	20.79	
	18.00	28.00	1	10.00	1.10	1.10	1.10	1.05	11.55	
	28.00	58.00	1	30.00	1.10	1.10	1.10	1.05	34.65	
	58.00	80.00	1	22.00	1.10	1.10	1.10	1.05	25.41	
	80.00	93.00	1	13.00	1.10	1.10	1.10	1.05	15.02	
	93.00	123.00	1	30.00	1.10	1.10	1.10	1.05	34.65	
	123.00	153.00	1	30.00	1.10	1.10	1.10	1.05	34.65	
	153.00	173.00	1	20.00	1.10	1.10	1.10	1.05	23.10	
4th Cross Road from telecom Road to 2nd Main Road										
RHS	0.00	18.00	1	18.00	1.10	1.10	1.10	1.05	20.79	
	18.00	26.00	1	8.00	1.10	1.10	1.10	1.05	9.24	
	26.00	56.00	1	30.00	1.10	1.10	1.10	1.05	34.65	
	56.00	80.00	1	24.00	1.10	1.10	1.10	1.05	27.72	
	80.00	93.00	1	13.00	1.10	1.10	1.10	1.05	15.02	
	93.00	120.00	1	27.00	1.10	1.10	1.10	1.05	31.19	
	120.00	150.00	1	30.00	1.10	1.10	1.10	1.05	34.65	
	150.00	173.00	1	23.00	1.10	1.10	1.10	1.05	26.57	
6th Cross road (Ganesha Block)										
RHS	0.00	30.00	1	30.00	1.10	1.10	1.10	1.20	39.60	
	30.00	60.00	1	30.00	1.10	1.10	1.10	1.20	39.60	
	60.00	78.00	1	18.00	1.10	1.10	1.10	1.20	23.76	
	For Culverts									
1	1st Main road-5th Cross road Jun RHS		1	6.00	1.40	1.40	1.40	1.10	9.24	
2	1st Main road-6th Cross road Jun RHS		1	5.00	1.40	1.40	1.40	1.10	7.70	
3	1st Main road-7th Cross road Jun RHS		1	7.00	1.40	1.40	1.40	1.10	10.78	

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

SL NO	CHAINAGE Land mark	NO	Length (m)	Breadth 1 B1(m)	Breadth 2 B2(m)	Avg. Breadth (m)	Depth (m)	Qty	Remarks
4	1st Main road-Anubhav nilaya Biside	1	11.00	1.40	1.40	1.40	1.10	16.94	
5	1st Main road-1st Cross road Jun	1	6.00	1.40	1.40	1.40	1.10	9.24	
6	1st Main road-6th Cross road Jun	1	8.40	1.40	1.40	1.40	1.10	12.94	
Executed Quantity								**1091.28**	**Cum**
Schedule-B Quantity								**13058.24**	**Cum**
Quantity carried to summary of 11th RA bill								**1091.28**	**Cum**

Contractor Representative

Consultant Representative

Assistant Engineer
Ward No.09
BBMP Bangalore

Asst. Executive Engineer
Vidyaranyapura Sub Division
BBMP Bangalore

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

BRUHAT BANGALORE MAHANAGARA PALIKE

Excecutive Engineer Byatarayanapura Division

Package No.06 (Consists of 14 Works)

Measurement sheet

Name of the Contractor:M/s.SMLP Asphalts,Prop. Sri B B Umesha,

Workorder No: BBMP/EE/BTP/WO/76/22-23

Job Code: 009-23-000003

11th & part Bill

Item NO	8	
Item Name	Providing and laying in position plain cement concrete Mix 1:3:6 (M10) for levelling course for all works in foundation. Using 40 mm nominal size graded crushed coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications.	

SL NO	CHAINAGE		NO	Length	Breadth 1	Breadth 2	Avg. Breadth	Depth	Qty	Remarks
	Land mark			(m)	B1(m)	B2(m)	(m)	(m)		
Measurement Recorded On :				09-01-2023						
5) Improvements to road and Drains at Telecom Layout, Ganeshanagara and Surrounding Area in Ward No.09 (Vidyaranyapura)										
	Telecom Layout									
1st Main road from 5th cross road to Lake										
RHS	0.00	5.50	1	5.50	0.95	0.95	0.95	0.15	0.78	
	5.50	15.50	1	10.00	0.95	0.95	0.95	0.15	1.43	
	15.50	21.00	1	5.50	0.95	0.95	0.95	0.15	0.78	
	21.00	30.00	1	9.00	0.95	0.95	0.95	0.15	1.28	
	34.00	50.00	1	16.00	0.95	0.95	0.95	0.15	2.28	
	50.00	80.00	1	30.00	0.95	0.95	0.95	0.15	4.28	
	80.00	110.00	1	30.00	0.95	0.95	0.95	0.15	4.28	
	110.00	140.00	1	30.00	0.95	0.95	0.95	0.15	4.28	
	140.00	155.00	1	15.00	0.95	0.95	0.95	0.15	2.14	
	155.00	162.50	1	7.50	0.95	0.95	0.95	0.15	1.07	
	162.50	192.00	1	29.50	0.95	0.95	0.95	0.15	4.20	
	198.00	210.00	1	12.00	0.95	0.95	0.95	0.15	1.71	
	215.00	234.00	1	19.00	0.95	0.95	0.95	0.15	2.71	
	234.00	240.00	1	6.00	0.95	0.95	0.95	0.15	0.86	
	240.00	266.00	1	26.00	0.95	0.95	0.95	0.15	3.71	
	273.00	283.00	1	10.00	0.95	0.95	0.95	0.15	1.43	
	283.00	298.00	1	15.00	0.95	0.95	0.95	0.15	2.14	
	298.00	310.00	1	12.00	0.95	0.95	0.95	0.15	1.71	
	310.00	333.00	1	23.00	0.95	0.95	0.95	0.15	3.28	
1st Main road from 5th cross road to Lake										
RHS	50.00	69.00	1	19.00	0.95	0.95	0.95	0.15	2.71	
	69.00	82.00	1	13.00	0.95	0.95	0.95	0.15	1.85	
	88.00	100.50	1	12.50	0.95	0.95	0.95	0.15	1.78	
	100.50	104.00	1	3.50	0.95	0.95	0.95	0.15	0.50	
	104.00	115.00	1	11.00	0.95	0.95	0.95	0.15	1.57	
	120.00	147.00	1	27.00	0.95	0.95	0.95	0.15	3.85	
	182.00	202.00	1	20.00	0.95	0.95	0.95	0.15	2.85	
	202.00	213.00	1	11.00	0.95	0.95	0.95	0.15	1.57	
	213.00	229.00	1	16.00	0.95	0.95	0.95	0.15	2.28	
	235.00	260.00	1	25.00	0.95	0.95	0.95	0.15	3.56	
	266.00	294.00	1	28.00	0.95	0.95	0.95	0.15	3.99	

SL NO	CHAINAGE		NO	Length	Breadth 1	Breadth 2	Avg. Breadth	Depth	Qty	Remarks
	Land mark			(m)	B1(m)	B2(m)	(m)	(m)		
4th Cross Road from telecom Road to 2nd Main Road										
RHS	0.00	18.00	1	18.00	1.10	1.10	1.10	0.15	2.97	
	18.00	28.00	1	10.00	1.10	1.10	1.10	0.15	1.65	
	28.00	58.00	1	30.00	1.10	1.10	1.10	0.15	4.95	
	58.00	80.00	1	22.00	1.10	1.10	1.10	0.15	3.63	
	80.00	93.00	1	13.00	1.10	1.10	1.10	0.15	2.15	
	93.00	123.00	1	30.00	1.10	1.10	1.10	0.15	4.95	
	123.00	153.00	1	30.00	1.10	1.10	1.10	0.15	4.95	
	153.00	173.00	1	20.00	1.10	1.10	1.10	0.15	3.30	
4th Cross Road from telecom Road to 2nd Main Road										
RHS	0.00	18.00	1	18.00	1.10	1.10	1.10	0.15	2.97	
	18.00	26.00	1	8.00	1.10	1.10	1.10	0.15	1.32	
	26.00	56.00	1	30.00	1.10	1.10	1.10	0.15	4.95	
	56.00	80.00	1	24.00	1.10	1.10	1.10	0.15	3.96	
	80.00	93.00	1	13.00	1.10	1.10	1.10	0.15	2.15	
	93.00	120.00	1	27.00	1.10	1.10	1.10	0.15	4.46	
	120.00	150.00	1	30.00	1.10	1.10	1.10	0.15	4.95	
	150.00	173.00	1	23.00	1.10	1.10	1.10	0.15	3.80	
6th Cross road (Ganesha Block)										
RHS	0.00	30.00	1	30.00	1.10	1.10	1.10	0.15	4.95	
	30.00	60.00	1	30.00	1.10	1.10	1.10	0.15	4.95	
	60.00	78.00	1	18.00	1.10	1.10	1.10	0.15	2.97	
	For Culverts									
1	1st Main road-5th Cross road Jun RHS		1	6.00	1.40	1.40	1.40	0.20	1.68	
2	1st Main road-6th Cross road Jun RHS		1	5.00	1.40	1.40	1.40	0.20	1.40	
3	1st Main road-7th Cross road Jun RHS		1	7.00	1.40	1.40	1.40	0.20	1.96	
4	1st Main road- Anubhav nilaya Biside		1	11.00	1.40	1.40	1.40	0.20	3.08	
5	1st Main road-1st Cross road Jun		1	6.00	1.40	1.40	1.40	0.20	1.68	
6	1st Main road-6th Cross road Jun		1	8.40	1.40	1.40	1.40	0.20	2.35	
Executed Quantity									**152.93**	**Cum**
Schedule-B Quantity									**1758.83**	**Cum**
Quantity carried to summary of 11th RA bill									**152.93**	**Cum**

Contractor Representative

Consultant Representative

Assistant Engineer
Ward No.09
BBMP Bangalore

Asst. Executive Engineer
Vidyaranyapura Sub Division
BBMP Bangalore

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

BRUHAT BANGALORE MAHANAGARA PALIKE

Excecutive Engineer Byatarayanapura Division

Package No.06 (Consists of 14 Works)

Measurement sheet

Name of the Contractor:M/s.SMLP Asphalts,Prop. Sri B B Umesha,

Workorder No: BBMP/EE/BTP/WO/76/22-23

Job Code: 009-23-000003

11th & part Bill

Item NO	9	22-02-2023

Item Name: Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. M20 (The cost of steel reinforcement & formwork to be paid separately)

SL NO	CHAINAGE		NO	Length	Breadth 1	Breadth 2	Avg. Breadth	Depth	Qty	Remarks
	Land mark			(m)	B1(m)	B2(m)	(m)	(m)		
Measurement Recorded On :										
5) Improvements to road and Drains at Telecom Layout, Ganeshanagara and Surrounding Area in Ward No.09 (Vidyaranyapura)										
	Telecom Layout									
For Raft										
	1st Main road from 5th cross road to Lake									
RHS	0.00	5.50	1	5.50	0.90	0.90	0.90	0.15	0.74	
	5.50	15.50	1	10.00	0.90	0.90	0.90	0.15	1.35	
	15.50	21.00	1	5.50	0.90	0.90	0.90	0.15	0.74	
	21.00	30.00	1	9.00	0.90	0.90	0.90	0.15	1.22	
	34.00	50.00	1	16.00	0.90	0.90	0.90	0.15	2.16	
	50.00	80.00	1	30.00	0.90	0.90	0.90	0.15	4.05	
	80.00	110.00	1	30.00	0.90	0.90	0.90	0.15	4.05	
	110.00	140.00	1	30.00	0.90	0.90	0.90	0.15	4.05	
	140.00	155.00	1	15.00	0.90	0.90	0.90	0.15	2.03	
	155.00	162.50	1	7.50	0.90	0.90	0.90	0.15	1.01	
	162.50	192.00	1	29.50	0.90	0.90	0.90	0.15	3.98	
	198.00	210.00	1	12.00	0.90	0.90	0.90	0.15	1.62	
	215.00	234.00	1	19.00	0.90	0.90	0.90	0.15	2.57	
	234.00	240.00	1	6.00	0.90	0.90	0.90	0.15	0.81	
	240.00	266.00	1	26.00	0.90	0.90	0.90	0.15	3.51	
	273.00	283.00	1	10.00	0.90	0.90	0.90	0.15	1.35	
	283.00	298.00	1	15.00	0.90	0.90	0.90	0.15	2.03	
	298.00	310.00	1	12.00	0.90	0.90	0.90	0.15	1.62	
	310.00	333.00	1	23.00	0.90	0.90	0.90	0.15	3.11	
	1st Main road from 5th cross road to Lake									
RHS	50.00	69.00	1	19.00	0.90	0.90	0.90	0.15	2.57	
	69.00	82.00	1	13.00	0.90	0.90	0.90	0.15	1.76	
	88.00	100.50	1	12.50	0.90	0.90	0.90	0.15	1.69	
	100.50	104.00	1	3.50	0.90	0.90	0.90	0.15	0.47	
	104.00	115.00	1	11.00	0.90	0.90	0.90	0.15	1.49	
	120.00	147.00	1	27.00	0.90	0.90	0.90	0.15	3.65	
	182.00	202.00	1	20.00	0.90	0.90	0.90	0.15	2.70	
	202.00	213.00	1	11.00	0.90	0.90	0.90	0.15	1.49	

SL NO	CHAINAGE		NO	Length	Breadth 1	Breadth 2	Avg. Breadth	Depth	Qty	Remarks
	Land mark			(m)	B1(m)	B2(m)	(m)	(m)		
	213.00	229.00	1	16.00	0.90	0.90	0.90	0.15	2.16	
	235.00	260.00	1	25.00	0.90	0.90	0.90	0.15	3.38	
	266.00	294.00	1	28.00	0.90	0.90	0.90	0.15	3.78	
4th Cross Road from telecom Road to 2nd Main Road										
RHS	0.00	18.00	1	18.00	0.90	0.90	0.90	0.15	2.43	
	18.00	28.00	1	10.00	0.90	0.90	0.90	0.15	1.35	
	28.00	58.00	1	30.00	0.90	0.90	0.90	0.15	4.05	
	58.00	80.00	1	22.00	0.90	0.90	0.90	0.15	2.97	
	80.00	93.00	1	13.00	0.90	0.90	0.90	0.15	1.76	
	93.00	123.00	1	30.00	0.90	0.90	0.90	0.15	4.05	
	123.00	153.00	1	30.00	0.90	0.90	0.90	0.15	4.05	
	153.00	173.00	1	20.00	0.90	0.90	0.90	0.15	2.70	
4th Cross Road from telecom Road to 2nd Main Road										
LHS	0.00	18.00	1	18.00	0.90	0.90	0.90	0.15	2.43	
	18.00	26.00	1	8.00	0.90	0.90	0.90	0.15	1.08	
	26.00	56.00	1	30.00	0.90	0.90	0.90	0.15	4.05	
	56.00	80.00	1	24.00	0.90	0.90	0.90	0.15	3.24	
	80.00	93.00	1	13.00	0.90	0.90	0.90	0.15	1.76	
	93.00	120.00	1	27.00	0.90	0.90	0.90	0.15	3.65	
	120.00	150.00	1	30.00	0.90	0.90	0.90	0.15	4.05	
	150.00	173.00	1	23.00	0.90	0.90	0.90	0.15	3.11	
6th Cross road (Ganesha Block)										
RHS	0.00	30.00	1	30.00	0.90	0.90	0.90	0.15	4.05	
	30.00	60.00	1	30.00	0.90	0.90	0.90	0.15	4.05	
	60.00	78.00	1	18.00	0.90	0.90	0.90	0.15	2.43	
For Culverts										
1	1st Main road-5th Cross road Jun RHS		1	6.00	1.40	1.40	1.40	0.20	1.68	
2	1st Main road-6th Cross road Jun RHS		1	5.00	1.40	1.40	1.40	0.20	1.40	
3	1st Main road-7th Cross road Jun RHS		1	7.00	1.40	1.40	1.40	0.20	1.96	
4	1st Main road-Anubhav nilaya Biside		1	11.00	1.40	1.40	1.40	0.20	3.08	
5	1st Main road-1st Cross road Jun		1	6.00	1.40	1.40	1.40	0.20	1.68	
6	1st Main road-6th Cross road Jun		1	8.40	1.40	1.40	1.40	0.20	2.35	
Measurement Recorded On :				21-Oct-2022		29-Oct-2022				
For Wall										
1st Main road from 5th cross road to Lake										
RHS	0.00	5.50	2	5.50	0.15	0.15	0.15	0.65	1.07	
	5.50	15.50	2	10.00	0.15	0.15	0.15	0.65	1.95	
	15.50	21.00	2	5.50	0.15	0.15	0.15	0.65	1.07	
	21.00	30.00	2	9.00	0.15	0.15	0.15	0.65	1.76	
	34.00	50.00	2	16.00	0.15	0.15	0.15	0.66	3.17	
	50.00	80.00	2	30.00	0.15	0.15	0.15	0.66	5.94	
	80.00	110.00	2	30.00	0.15	0.15	0.15	0.66	5.94	
	110.00	140.00	2	30.00	0.15	0.15	0.15	0.67	6.03	

SL NO	CHAINAGE		NO	Length	Breadth 1	Breadth 2	Avg. Breadth	Depth	Qty	Remarks
	Land mark			(m)	B1(m)	B2(m)	(m)	(m)		
	140.00	155.00	2	15.00	0.15	0.15	0.15	0.67	3.02	
	155.00	162.50	2	7.50	0.15	0.15	0.15	0.67	1.51	
	162.50	192.00	2	29.50	0.15	0.15	0.15	0.67	5.93	
	198.00	210.00	2	12.00	0.15	0.15	0.15	0.70	2.52	
	215.00	234.00	2	19.00	0.15	0.15	0.15	0.70	3.99	
	234.00	240.00	2	6.00	0.15	0.15	0.15	0.70	1.26	
	240.00	266.00	2	26.00	0.15	0.15	0.15	0.70	5.46	
	273.00	283.00	2	10.00	0.15	0.15	0.15	0.70	2.10	
	283.00	298.00	2	15.00	0.15	0.15	0.15	0.70	3.15	
	298.00	310.00	2	12.00	0.15	0.15	0.15	0.70	2.52	
	310.00	333.00	2	23.00	0.15	0.15	0.15	0.70	4.83	
1st Main road from 5th cross road to Lake										
RHS	50.00	69.00	2	19.00	0.15	0.15	0.15	0.68	3.88	
	69.00	82.00	2	13.00	0.15	0.15	0.15	0.68	2.65	
	88.00	100.50	2	12.50	0.15	0.15	0.15	0.70	2.63	
	100.50	104.00	2	3.50	0.15	0.15	0.15	0.70	0.74	
	104.00	115.00	2	11.00	0.15	0.15	0.15	0.70	2.31	
	120.00	147.00	2	27.00	0.15	0.15	0.15	0.70	5.67	
	182.00	202.00	2	20.00	0.15	0.15	0.15	0.70	4.20	
	202.00	213.00	2	11.00	0.15	0.15	0.15	0.70	2.31	
	213.00	229.00	2	16.00	0.15	0.15	0.15	0.70	3.36	
	235.00	260.00	2	25.00	0.15	0.15	0.15	0.70	5.25	
	266.00	294.00	2	28.00	0.15	0.15	0.15	0.70	5.88	
4th Cross Road from telecom Road to 2nd Main Road										
RHS	0.00	18.00	2	18.00	0.15	0.15	0.15	0.68	3.67	
	18.00	28.00	2	10.00	0.15	0.15	0.15	0.68	2.04	
	28.00	58.00	2	30.00	0.15	0.15	0.15	0.68	6.12	
	58.00	80.00	2	22.00	0.15	0.15	0.15	0.70	4.62	
	80.00	93.00	2	13.00	0.15	0.15	0.15	0.70	2.73	
	93.00	123.00	2	30.00	0.15	0.15	0.15	0.72	6.48	
	123.00	153.00	2	30.00	0.15	0.15	0.15	0.72	6.48	
	153.00	173.00	2	20.00	0.15	0.15	0.15	0.72	4.32	
4th Cross Road from telecom Road to 2nd Main Road										
RHS	0.00	18.00	2	18.00	0.15	0.15	0.15	0.70	3.78	
	18.00	26.00	2	8.00	0.15	0.15	0.15	0.70	1.68	
	26.00	56.00	2	30.00	0.15	0.15	0.15	0.70	6.30	
	56.00	80.00	2	24.00	0.15	0.15	0.15	0.70	5.04	
	80.00	93.00	2	13.00	0.15	0.15	0.15	0.70	2.73	
	93.00	120.00	2	27.00	0.15	0.15	0.15	0.70	5.67	
	120.00	150.00	2	30.00	0.15	0.15	0.15	0.70	6.30	
	150.00	173.00	2	23.00	0.15	0.15	0.15	0.70	4.83	
6th Cross road (Ganesha Block)										
RHS	0.00	30.00	2	30.00	0.15	0.15	0.15	0.72	6.48	
	30.00	60.00	2	30.00	0.15	0.15	0.15	0.75	6.75	
	60.00	78.00	2	18.00	0.15	0.15	0.15	0.75	4.05	
	For Culverts									
1	1st Main road-5th Cross road Jun RHS		2	6.00	0.23	0.23	0.23	0.65	1.79	
2	1st Main road-6th Cross road Jun RHS		2	5.00	0.23	0.23	0.23	0.68	1.56	

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

SL NO	CHAINAGE Land mark	NO	Length (m)	Breadth 1 B1(m)	Breadth 2 B2(m)	Avg. Breadth (m)	Depth (m)	Qty	Remarks
3	1st Main road-7th Cross road Jun RHS	2	7.00	0.23	0.23	0.23	0.67	2.16	
4	1st Main road-Anubhav nilaya Biside	2	11.00	0.23	0.23	0.23	0.70	3.54	
5	1st Main road-1st Cross road Jun	2	6.00	0.23	0.23	0.23	0.70	1.93	
6	1st Main road-6th Cross road Jun	2	8.40	0.23	0.23	0.23	0.68	2.63	
	Ramp Concrete for Culverts								
1	1st Main road-5th Cross road Jun RHS	2	6.00	0.50	0.52	0.51	0.23	1.41	
2	1st Main road-6th Cross road Jun RHS	2	5.00	0.60	0.52	0.56	0.23	1.29	
3	1st Main road-7th Cross road Jun RHS	2	7.00	0.52	0.53	0.53	0.22	1.62	
4	1st Main road-Anubhav nilaya Biside	2	11.00	0.60	0.60	0.60	0.20	2.64	
5	1st Main road-1st Cross road Jun	2	6.00	0.60	0.63	0.62	0.25	1.85	
6	1st Main road-6th Cross road Jun	2	8.40	0.61	0.58	0.60	0.20	2.00	
Executed Quantity								**353.05**	**Cum**
Schedule-B Quantity								**3830.41**	**Cum**
Quantity carried to summary of 11th RA bill								**353.05**	**Cum**

Contractor Representative

Consultant Representative

Assistant Engineer
Ward No.09
BBMP Bangalore

Asst. Executive Engineer
Vidyaranyapura Sub Division
BBMP Bangalore

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

BRUHAT BANGALORE MAHANAGARA PALIKE

Excecutive Engineer Byatarayanapura Division

Package No.06 (Consists of 14 Works)

Measurement Sheet

Name of the Contractor:M/s.SMLP Asphalts,Prop. Sri B B Umesha,

Workorder No: BBMP/EE/BTP/WO/76/22-23

Job Code: 009-23-000003

11th & part Bill

Item NO	10	22-02-2023
Item Name	Supplying, Fitting and Placing TMT Fe550 bar Reinforcement in sub-structure complete as per Drawing and Technical Specifications. MORTH Specification NO.1600&2200	

SL. NO.	CHAINAGE Land mark	NO	Length (m)	Breadth (m)	Depth (m)	Qty	Remarks
Measurement Recorded On :							
5) Improvements to road and Drains at Telecom Layout, Ganeshanagara and Surrounding Area in Ward No.09 (Vidyaranyapura)							
	Telecom Layout						
	1st Main road from 5th cross road to Lake						
	RHS		316.00				
	U bar						
	10mm dia	3161	2.15			6796.15	
	0.62kg/m					**4213.61**	Kg
	Distribution bar						
	8mm dia	23	315.95			7266.85	
	0.395kg/m					**2870.41**	Kg
	1st Main road from 5th cross road to Lake						
	RHS		186.00				
	U bar						
	10mm dia	1861	2.15			4001.15	
	0.62kg/m					**2480.71**	Kg
	Distribution bar						
	8mm dia	23	186.00			4278.00	
	0.395kg/m					**1689.81**	Kg
	4th Cross Road from telecom Road to 2nd Main Road						
	RHS		173.00				
	U bar						
	10mm dia	1731	2.25			3894.75	
	0.62kg/m					**2414.75**	Kg
	Distribution bar						
	8mm dia	24	172.95			4150.80	
	0.395kg/m					**1639.57**	Kg
	4th Cross Road from telecom Road to 2nd Main Road						
	LHS		173.00				
	U bar						
	10mm dia	1731	2.25			3894.75	
	0.62kg/m					**2414.75**	Kg
	Distribution bar						
	8mm dia	24	172.95			4150.80	
	0.395kg/m					**1639.57**	Kg

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

S NO.	CHAINAGE Land mark	NO	Length (m)	Breadth (m)	Depth (m)	Qty	Remarks
	6th Cross road (Ganesha Block)						
	LHS		78.00				
	U bar						
	10mm dia	781	2.25			1757.25	
	0.62kg/m					**1089.50**	Kg
	Distribution bar						
	8mm dia	24	77.95			1870.80	
	0.395kg/m					**738.97**	Kg
	Culverts						
			43.40				
	U bar						
	12mm dia	435	2.25			978.75	
	0.62kg/m					**871.09**	Kg
	Distribution bar						
	10mm dia	24	43.35			1040.40	
	0.395kg/m					**645.05**	Kg
				For Double mat		**3032.27**	
						22395.43	Kg
Executed Quantity						**22.40**	**Tonne**
Schedule B Quantity						**240.39**	**Tonne**
Quantity carried to summary of 11th RA bill						**22.40**	**Tonne**

Contractor Representative

Consultant Representative

Assistant Engineer
Ward No.09
BBMP Bangalore

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP Bangalore

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97